

THE following Returns of Births and Deaths registered in South Australia during the undermentioned period are published for general information.

Chief Secretary's Office, Adelaide, March 14th, 1898.

J. V. O'LOUGHLIN, Chief Secretary.

Return of Births and Deaths registered in South Australia, exclusive of the Northern Territory, in the Month of January, 1893-98.

Years .....	1893.	1894.	1895.	1896.	1897.	Average of Five Years.	1898.													Total for 1898.
*Population, Jan. 1st	331,721	341,978	347,720	352,653	355,286		358,224													
Births.....	777	872	864	813	743	814	783													783
Rate per cent. ....	234	255	248	231	209	—	219													
Deaths —							All Ages.	Under 1 year.	1 and under 5.	5 and under 20	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Not statd.	+Coroners' inquiries.	+Uncerti- fied causes of Death.			
All causes .....	330	435	326	442	290	365	506	164	38	30	69	72	104	29	—	53	19	506		
Rate per cent. ....	099	127	094	125	082	—	141	—	—	—	—	—	—	—	—	—	—			
Diseases—																				
I. Specific Febrile or Zymotic ..	54	101	60	92	40	—	80	44	12	4	11	4	4	1	—	—	—			
II. Parasitic .....	3	3	1	—	2	—	—	—	—	—	—	—	—	—	—	—	—			
III. Dietic .....	4	7	4	3	6	—	5	2	—	—	2	1	—	—	—	—	—			
IV. Constitutional..	59	65	51	66	40	—	70	5	1	8	23	17	16	—	—	—	—			
V. Developmental..	33	45	24	46	32	—	45	10	—	—	—	—	18	17	—	—	—			
VI. Local .....	134	165	121	165	134	—	200	53	20	12	22	39	46	8	—	—	—			
VII. Violence .....	18	26	33	27	20	—	75	21	4	5	11	11	20	3	—	—	—			
VIII. Ill-defined and not specified causes .....	25	23	32	43	16	—	31	29	1	1	—	—	—	—	—	—	—			

\* The numbers represent the population of South Australia proper, and are exclusive of that of the Northern Territory (European and Chinese), and also of the number of the aborigines. + Including inquests. ‡ Not certified by qualified practitioners.

Causes of Deaths registered in the Month of January, 1898.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			V.			Diseases of locomotive sys- tem .....	—	2
Measles .....	—	—	Premature birth.....	8	—	Diseases of integumentary system.....	—	—
Scarlet fever .....	—	—	Cyanosis .....	—	—	VII.		
Relapsing fever .....	—	—	Congenital defects.....	2	—	(Accident.)		
Influenza .....	—	2	Old age .....	—	35	Fracture and contusion....	—	9
Whooping-cough .....	—	1	VI.			Gunshot wound .....	—	—
Diphtheria .....	—	1	Apoplexy .....	—	10	Cut, stab.....	—	—
Simple and ill-defined fever..	—	—	Epilepsy .....	—	2	Burn and scald .....	—	3
Enteric fever .....	—	11	Convulsions .....	9	3	Poison .....	—	—
Simple cholera .....	3	1	Other diseases of brain and nervous system .....	8	23	Drowning .....	—	5
Diarrhoea, dysentery.....	41	14	Diseases of organs of special sense .....	—	—	Suffocation .....	—	—
Remittent fever .....	—	—	Diseases of circulatory sys- tem .....	—	31	Otherwise .....	21	33
Venereal affections.....	—	—	Croup .....	—	1	(Homicide.)		
Erysipelas .....	—	3	Bronchitis .....	5	8	Murder and manslaughter..	—	1
Pyæmia and septicæmia ....	—	1	Pneumonia .....	—	16	(Suicide.)		
Puerperal fever .....	—	3	Pleurisy .....	—	4	Gunshot wound .....	—	1
Other zymotic diseases .....	—	—	Other diseases of respiratory system.....	1	—	Cut, stab.....	—	—
II.			Dentition .....	7	4	Poison .....	—	—
Thrush .....	—	—	Quinsy, sore throat .....	—	—	Drowning .....	—	1
Worms and other parasitical diseases .....	—	—	Enteritis .....	18	12	Hanging .....	—	1
III.			Peritonitis .....	1	7	Otherwise .....	—	—
Privation—want of breast milk	2	2	Diseases of liver.....	2	4	(Execution.)		
Alcoholism .....	—	1	Other diseases of digestive system.....	2	3	Hanging .....	—	—
IV.			Diseases of lymphatic sys- tem and of ductless glands	—	1	VIII.		
Rheumatic fever and rheuma- tism of heart .....	—	3	Diseases of urinary system	—	14	Dropsy .....	—	—
Rheumatism .....	—	1	Diseases of generative sys- tem .....	—	—	Debility, atrophy, inanition	29	2
Gout .....	—	—	Accidents of childbirth....	—	2	Mortification .....	—	—
Cancer, malignant disease ....	—	20				Tumor .....	—	—
Tabes mesenterica .....	2	—				Abscess .....	—	—
Tubercular meningitis .....	2	—				Hæmorrhage .....	—	—
Phthisis .....	—	34				Sudden, cause unascertained	—	—
Scrofula, tuberculosis .....	1	1				Other ill-defined and not specified causes .....	—	—
Other constitutional diseases..	—	6						

*Return of Births and Deaths registered in the City of Adelaide in the Month of January, 1893-98.*

Years .....	1893.	1894.	1895.	1896.	1897.	Average of Five Years.	1898.											Total for 1898.
Population, Jan. 1st	39,073	39,749	40,167	40,406	40,384		40,475											
Births .....	95	95	93	100	94	95	100											100
Rate per cent.....	·243	·239	·231	·247	·233	—	·247											
<i>Deaths—</i>							All Ages.	Under 1 year.	1 and under 5.	5 and under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Not stated.	*Coroner's inquiries.	+Uncert- ified causes of death.	
All causes .....	82	68	71	83	58	72	85	16	3	9	17	12	21	7	—	4	—	85
Rate per cent.....	·210	·171	·177	·205	·144	—	·210	—	—	—	—	—	—	—	—	—	—	
<i>Diseases—</i>																		
I. Specific Febrile or Zymotic ..	14	7	11	13	7	—	10	1	2	—	5	2	—	—	—	—	—	
II. Parasitic .....	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
III. Dietic .....	2	1	4	2	1	—	1	1	—	—	—	—	—	—	—	—	—	
IV. Constitutional..	19	12	14	17	12	—	16	1	—	3	4	4	4	—	—	—	—	
V. Developmental..	7	7	2	4	9	—	12	1	—	—	—	—	6	5	—	—	—	
VI. Local .....	31	33	29	34	24	—	27	6	1	5	5	5	5	—	—	—	—	
VII. Violence .....	1	2	3	4	2	—	14	1	—	1	3	1	6	2	—	—	—	
VIII. Ill-defined and not specified causes ....	7	4	8	9	3	—	5	5	—	—	—	—	—	—	—	—	—	

\* Including inquests.

+ Not certified by qualified practitioners.

*Causes of Deaths registered in the Month of January, 1898.*

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Scrofula, tuberculosis ....	—	—	Accidents of childbirth ....	—	—
Measles .....	—	—	Other constitutional diseases	—	2	Diseases of locomotive system	—	2
Scarlet fever .....	—	—				Diseases of integumentary system .....	—	—
Relapsing fever .....	—	—	V.					
Influenza .....	—	—	Premature birth .....	1	—	VII. (Accident.)		
Whooping-cough .....	—	—	Cyanosis .....	—	—	Fracture and contusion....	—	2
Diphtheria .....	—	1	Congenital defects .....	—	—	Gunshot wound .....	—	1
Simple and ill-defined fever..	—	—	Old age .....	—	11	Cut, stab .....	—	—
Enteric fever .....	—	4				Burn and scald .....	—	—
Simple cholera .....	—	—	VI.			Poison .....	—	—
Diarrhoea, dysentery .....	1	—	Apoplexy .....	—	1	Drowning .....	—	—
Remittent fever .....	—	—	Epilepsy .....	—	—	Suffocation .....	—	—
Veneral affections .....	—	—	Convulsions .....	—	—	Otherwise .....	1	10
Erysipelas .....	—	2	Other diseases of brain and nervous system .....	2	2	(Homicide.)		
Pyæmia and septicæmia ....	—	1	Diseases of organs of special sense .....	—	—	Murder and manslaughter..	—	—
Puerperal fever .....	—	1	Diseases of circulatory system	—	4	(Suicide.)		
Other zymotic diseases .....	—	—	Croup .....	—	—	Gunshot wound .....	—	—
II.			Bronchitis .....	—	1	Cut, stab .....	—	—
Thrush .....	—	—	Pneumonia .....	—	7	Poison .....	—	—
Worms and other parasitical diseases .....	—	—	Pleurisy .....	—	—	Drowning .....	—	—
III.			Other diseases of respiratory system .....	—	—	Hanging .....	—	—
Privation—want of breast milk	1	—	Dentition .....	2	—	Otherwise .....	—	—
Alcoholism .....	—	—	Quinsy, sore throat .....	—	—	(Execution)		
IV.			Enteritis .....	—	—	Hanging .....	—	—
Rheumatic fever and rheuma- tism of heart .....	—	—	Peritonitis .....	1	2	VIII.		
Rheumatism .....	—	—	Diseases of liver.....	—	—	Dropsy .....	—	—
Gout .....	—	—	Other diseases of digestive system .....	1	1	Debility, atrophy, inanition	5	—
Cancer, malignant disease ..	—	3	Diseases of lymphatic sys- tem and of ductless glands	—	—	Mortification .....	—	—
Tabes mesenterica .....	1	—	Diseases of urinary system	—	1	Tumor.....	—	—
Tubercular meningitis .....	—	—	Diseases of generative system	—	—	Abscess .....	—	—
Phthisis .....	—	10				Hæmorrhage .....	—	—
						Sudden, cause unascertained	—	—
						Other ill-defined and not specified causes .....	—	—



Return of Births and Deaths registered in each Ward of the City of Adelaide, exclusive of Deaths in Public Institutions, of persons not usually resident in the city, in the Month of January, 1898.

	Total.	Hindmarsh.	Gawler.	Grey.	Young.	Robe.	MacDonnell.
Area in acres.....	3,632	573	659	552	718	480	650
Estimated population January 1st .....	40,475	6,233	7,080	8,632	9,949	3,651	4,930
Persons to an acre .....	11.1	10.9	10.7	15.6	13.9	7.6	7.6
Births .....	100	18	21	17	31	7	6
Male .....	40	8	9	8	12	2	1
Female .....	60	10	12	9	19	5	5
Deaths .....	67	14	5	17	16	6	9
Male .....	37	9	2	7	10	4	5
Female .....	30	5	3	10	6	2	4
CLASSES.							
I. Specific Febrile or Zymotic Diseases.....	8	2	—	1	4	—	1
II. Parasitic Diseases .....	—	—	—	—	—	—	—
III. Dietic Diseases.....	1	—	—	—	1	—	—
IV. Constitutional Diseases .....	12	2	2	4	1	—	3
V. Developmental Diseases .....	11	6	—	2	1	—	2
VI. Local Diseases .....	20	2	1	4	6	5	2
VII. Violence.....	10	1	1	6	1	1	—
VIII. Ill-defined and not specified causes .....	5	1	1	—	2	—	1
Percentage of Deaths to population of each Ward .....	.166	.225	.071	.197	.161	.164	.183

*Causes of Deaths registered in the Month of January, 1898.*

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Phthisis .....	—	7	Accidents of childbirth ....	—	—
Measles .....	—	—	Scrofula, tuberculosis .....	—	—	Diseases of locomotive system .....	—	1
Scarlet fever .....	—	—	Other constitutional diseases.	—	2	Diseases of integumentary system .....	—	—
Relapsing fever .....	—	—				VII.		
Influenza .....	—	—	V.			(Accident.)		
Whooping-cough .....	—	—	Premature birth .....	1	—	Fracture and contusion ....	—	—
Diphtheria .....	—	1	Cyanosis .....	—	—	Gunshot wound .....	—	1
Simple and ill-defined fever ..	—	—	Congenital defects .....	—	—	Cut, stab .....	—	—
Enteric fever .....	—	4	Old age .....	—	10	Burn and scald .....	—	—
Simple cholera .....	—	—				Poison .....	—	—
Diarrhoea, dysentery .....	1	—	VI.			Drowning .....	—	—
Remittent fever .....	—	—	Apoplexy .....	—	—	Suffocation .....	—	—
Venereal affections.....	—	—	Epilepsy .....	—	—	Otherwise .....	1	8
Erysipelas .....	—	1	Convulsions .....	—	—	(Homicide.)		
Pyæmia and septicæmia ....	—	1	Other diseases of brain and nervous system.....	2	1	Murder and manslaughter ..	—	—
Puerperal fever .....	—	—	Diseases of organs of special sense .....	—	—	(Execution)		
Other zymotic diseases .....	—	—	Diseases of circulatory system .....	—	2	Hanging .....	—	—
II.			Croup .....	—	—	(Suicide.)		
Thrush .....	—	—	Bronchitis .....	—	1	Gunshot wound .....	—	—
Worms and other parasitical diseases .....	—	—	Pneumonia ..	—	5	Cut, stab .....	—	—
III.			Pleurisy .....	—	—	Poison .....	—	—
Privation — Want of breast milk.....	1	—	Other diseases of respiratory system .....	—	—	Drowning .....	—	—
Alcoholism .....	—	—	Dentition .....	2	—	Hanging .....	—	—
IV.			Quinsy, sore throat ..	—	—	Otherwise .....	—	—
Rheumatic fever and rheumatism of heart .....	—	—	Enteritis .....	—	—	VIII.		
Rheumatism .....	—	—	Peritonitis .....	1	2	Dropsy .....	—	—
Gout .....	—	—	Diseases of liver .....	—	—	Debility, atrophy, inanition ..	5	—
Cancer, malignant disease ..	—	2	Other diseases of digestive system .....	1	1	Mortification.....	—	—
Tabes mesenterica .....	1	—	Diseases of lymphatic system and of ductless glands ....	—	—	Tumor .....	—	—
Tubercular meningitis .....	—	—	Diseases of urinary system ..	—	1	Abscess .....	—	—
			Diseases of generative system ..	—	—	Hæmorrhage .....	—	—
						Sudden, cause unascertained ..	—	—
						Other ill-defined and not specified causes .....	—	—

G. H. AYLIFFE, Registrar of Births and Deaths.

## JANUARY, 1898.

The highest temperature in the shade at the Adelaide Observatory during the month was  $113^{\circ}\cdot3$  on the 11th; and the lowest,  $53^{\circ}\cdot2$ , on the 22nd. The mean temperature of the month was  $76^{\circ}\cdot0$ .

The greatest range of the thermometer in one day,  $45^{\circ}\cdot3$ , took place on the 11th, viz., from a maximum of  $113^{\circ}\cdot3$  to a minimum of  $68^{\circ}\cdot0$ ; the lowest range,  $19^{\circ}\cdot0$ , on the 17th.

The mean height of the barometer was  $29\cdot802$  inches; the maximum,  $30\cdot095$  inches, occurred on the 22nd; and the minimum,  $29\cdot340$  inches, on the 18th.

Observatory, Adelaide, February 4th, 1898.

C. TODD, Observer.